

Serial No.: 10/663,345
Filing Date: September 15, 2003

Examiner: K.K. Deshpande
Art Unit: 3623

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CLAIMS

Please amend claims 1, 3, 4, 7, 9, 15, 16, 20, 22, 25, 27, 29, 30, 33, 35, 40, 45, 47, 49, 50 and 52 as follows and cancel claims 2, 5, 6, 10-13, 17-19, 21, 23, 26, 28, 31, 32, 36-39, 41-44, 46, 48, 51, 53 and 54. No amendments have been made to claims 8, 14, 24, 34.

1. (Currently amended) A performance monitoring system comprising:
 - a staging area for receiving data from one or more data sources;
 - a KPI store for storing performance information relating to predefined Key Performance Indicators (KPIs);
 - a loader for transforming the received data into the performance information relating to the KPIs, calculating scores based on the received data and the performance information stored in the KPI store to indicate changes in the KPIs such that the scores indicate if associated KPIs are getting better or worse or unchanged, and loading the performance information including the scores into the KPI store; and
 - an information presentation unit for presenting the performance information to a user.
2. (Cancelled)
3. (Currently amended) The performance monitoring system as claimed in claim [[2]]
1 wherein
 - the staging area receives an actual value for a KPI;
 - the KPI store stores a history of the actual value for the KPI;
 - the loader calculates a score for the KPI based on the actual value and the history to indicate if the KPI is getting better or worse or unchanged.
4. (Currently amended) The performance monitoring system as claimed in claim 1 wherein

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the staging area receives a target value and an actual value for a KPI;

the loader calculates a score for the KPI based on the actual value and the target value or a prorated target value to indicate if the KPI is good, bad or neutral compared to the target value, and calculates another score by comparing the calculated score and a score calculated and stored in the KPI store at a previous loading, so that the another score indicates if the KPI is getting better or worse or unchanged.

5. (Cancelled)

6. (Cancelled)

7. (Currently amended) The performance monitoring system as claimed in claim 1 wherein the information presentation unit presents a higher level of the performance information in a form capable of ~~[[braking]]~~ breaking down into a lower lever.

8. (Original) The performance monitoring system as claimed in claim 1 wherein the staging area provides to the loader data that has changed from a last loading.

9. (Currently amended) The performance monitoring system as claimed in claim 1 wherein

the staging area contains value information for the KPIs and time information relating to one or more time periods to which the value information is applied;

the loader has a function to determine which KPI is effected by a change in the value information;

the KPI store stores the value information in association with the time information in a relational cube having the time and indicator dimensions, actual values, target values and score values for the KPIs, and/or business metadata as a network of content of the metadata.

10. (Cancelled)

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11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Original) The performance monitoring system as claimed in claim 1 wherein the information presentation unit comprises:

an application server for accessing and managing the performance information stored in the KPI store; and

a front-end interface for allowing a user to monitor and analyse the performance information.

15. (Currently amended) The performance monitoring system as claimed in claim [[13]] 14 wherein

the front-end interface has a data guided monitoring function for receiving a user input and presenting relevant performance information in a selected order based on the user input, presenting the performance information of a selected KPI together with related KPIs which are in a cause and effect relation with the selected KPI, and/or presenting the performance information of related KPIs in a diagram to navigate the user through the related KPIs.

16. (Currently amended) The performance monitoring system as claimed in claim [[14]] 15 wherein the data guided monitoring function presents the performance information for relevant KPIs sorted based on a selected type of scores, and/or presents the performance information for relevant KPIs filtered and sorted based on the scores of the KPIs.

17. (Cancelled)

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18. (Cancelled)

19. (Cancelled)

20. (Currently amended) A performance monitoring system comprising:
a staging area for receiving data from one or more data sources;
a KPI store for storing performance information relating to predefined Key Performance Indicators (KPIs);
a loader for transforming the received data into the performance information relating to the KPIs, and loading the performance information including the scores into the KPI store wherein the scores indicate if associated KPIs are getting better or worse or unchanged; and
an information presentation unit for presenting the performance information to a viewer, the information presentation unit having a viewer driven sorter for allowing the viewer to sort the performance information using the scores of all or some of the KPIs stored in the KPI store.

21. (Cancelled)

22. (Currently amended) The performance monitoring system as claimed in claim 20 wherein the information presentation unit has a viewer driven filter for allowing the viewer to filter the performance information using the scores of all or some of the KPIs stored in the KPI store.

23. (Cancelled)

24. (Original) The performance monitoring system as claimed in claim 22 wherein the information presentation unit presents multiple view metric types, and has a metric selector for allowing the viewer to select a preferred view metric type for presenting the sorted

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and/or filtered performance information.

25. (Currently amended) The performance monitoring system as claimed in claim 22 wherein

the loader calculates scores based on the received data and the performance information stored in the KPI store to indicate changes in the KPIs, and the viewer driven sorter and filter sort and/or filter the performance information based on the scores calculated based on the changes in the KPIs.

26. (Cancelled)

27. (Currently amended) A method for monitoring business performance, the method comprising steps of:

receiving data from one or more data sources;

transforming the received data into performance information relating to predefined

Key Performance Indicators (KPIs);

storing the performance information into a KPI store;

calculating scores based on the received data and the performance information stored in the KPI store to indicate changes in the KPIs such that the scores indicate if associated KPIs are getting better or worse or unchanged;

loading the performance information including the scores into the KPI store; and
presenting the performance information to a user.

28. (Cancelled)

29. (Currently amended) The method as claimed in claim ~~[[28]]~~ 27 wherein
the receiving step receives an actual value for a KPI; and
the calculating step calculates a score for the KPI based on the actual value and its history stored in the KPI store to indicate if the KPI is getting better or worse or unchanged.

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30. (Currently amended) The method as claimed in claim 27 wherein
the receiving step receives a target value and an actual value for a KPI; and
the calculating step calculates a score for the KPI based on the actual value and the
target value or a prorated target value to indicate if the KPI is good, bad or neutral
compared to the target value; and further calculates another score by comparing the
calculated score and a score calculated and stored in the KPI store at a previous loading, so
that the another score indicates if the KPI is getting better or worse or unchanged.
31. (Cancelled)
32. (Cancelled)
33. (Currently amended) The method as claimed in claim [[28]] 27 wherein the
presentation step presents a higher level of the performance information in a form capable
of [[braking]] breaking down into a lower lever.
34. (Original) The method as claimed in claim 27 wherein the receiving step makes
available data that has changed from a last loading.
35. (Currently amended) The method as claimed in claim 27 wherein
the receiving step receives value information for the KPIs and time information
relating to one or more time periods to which the value information is applied;
the calculating step determines which value information is effected by a change in
the value information;
the storing step stores the value information in association with the time
information, actual values, target values and score values for the KPIs in a relational cube
having the time and indicator dimensions, and/or business metadata as a network of
content of the metadata.

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36. (Cancelled)

37. (Cancelled)

38. (Cancelled)

39. (Cancelled)

40. (Currently amended) The method as claimed in claim 27 wherein the presenting step comprises steps of:

receiving a user input; and

presenting relevant performance information in a selected order based on the user input, using relevant KPIs sorted and/or filtered based on a selected type of scores of the KPIs, presenting the performance information of a selected KPI together with related KPIs which are in a cause and effect relation with the selected KPI, and/or presenting the performance information of related KPIs in a diagram to navigate the user through the related KPIs.

41. (Cancelled)

42. (Cancelled)

43. (Cancelled)

44. (Cancelled)

45. (Currently amended) A method for monitoring performance comprising the steps of:

receiving data from one or more data sources;

storing in a KPI store performance information relating to predefined Key

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Performance Indicators (KPIs);

transforming the received data into the performance information relating to the KPIs;
loading the performance information including [[the]] scores into the KPI store wherein the scores indicate if associated KPIs are getting better or worse or unchanged; and
presenting the performance information to a viewer, allowing the viewer to sort the performance information using the scores of all or some of the KPIs stored in the KPI store.

46. (Cancelled)

47. (Currently amended) The method as claimed in claim 45 wherein the presenting step further comprising a step for allowing the viewer to filter the performance information using the scores of all or some of the KPIs stored in the KPI store.

48. (Cancelled)

49. (Currently amended) The method as claimed in claim [[48]] 47 wherein the presenting step further comprising steps of providing options of multiple view metric types, and allowing the viewer to select a preferred view metric type for presenting the sorted/filtered performance information.

50. (Currently amended) The method as claimed in claim 49 wherein
the loading step having a step of calculating scores based on the received data and the performance information stored in the KPI store to indicate changes in the KPIs; and the presenting step allows the viewer to sort and/or filter the performance information based on the changes in the KPIs.

51. (Cancelled)

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52. (Currently amended) A computer readable medium storing the instructions and/or statements for use in the execution in a computer of a method for monitoring business performance, the method comprising steps of:

receiving data from one or more data sources;

transforming the received data into performance information relating to predefined Key Performance Indicators (KPIs);

storing the performance information into a KPI store;

calculating scores based on the received data and the performance information stored in the KPI store to indicate changes in the KPIs such that the scores indicate if associated KPIs are getting better or worse or unchanged;

loading the performance information including the scores into the KPI store; and presenting the performance information to a user.

53. (Cancelled)

54. (Cancelled)